

# HISTORIC PROPERTY INVENTORY FORM

## IDENTIFICATION SECTION

Field Site No. 1322-NB OAHP No.            Date Recorded 13-Feb-95  
Site Name Historic Crib Effluent Iodine Monitoring Facility  
Common             
Field Recorder Kristine M. Bowen, Evaluator: Darby Stapp  
Owner's Name U.S. Department of Energy, Richland Operations Office  
Address P.O. Box 550  
City/State/Zip Code Richland, WA 99352

### Status

- ☒ Survey/Inventory  
☐ National Register  
☐ State Register  
☐ Determined Eligible  
☐ Determined Not Eligible  
☐ Other (HABS, HAER, NHL)  
☐ Local Designation

### Photography

Photography Neg. No. Roll 8, Frame 8  
(Roll No. & Frame No.)  
View of West Side  
Date 1994

Classification ☐ District ☐ Site ☐ Building ☒ Structure ☐ Object  
Distric Status ☒ NR ☐ SR ☐ LR ☐ INV  
Contributing ☒ Non-Contributing ☐  
District/Thematic Nomination Nar Hanford Site Manhattan Project and Cold War Era Historic District

## Description Section

### Materials & Features/Structural Types

Building Type Industrial  
Plan Rectangular  
Structural System Steel Frame  
No. of Stories 1

### Roof Type

☒ Gable ☐ Hip  
☐ Flat ☐ Pyramidal  
☐ Monitor ☐ Other (specify)             
☐ Gambrel  
☐ Shed

### Cladding (exterior Wall Surfaces)

- ☐ Log  
☐ Horizontal Wood Siding  
Rustic/Drop ☐  
Clapboard ☐  
☐ Wood Shingle  
☐ Board and Batten  
☐ Vertical Board  
☐ Asbestos/Asphalt  
☐ Brick  
☐ Stone  
☐ Stucco  
☐ Terra Cotta  
☐ Concrete/Concrete Block  
☐ Vinyl/Aluminum Siding  
☒ Metal (specify) Corrugated  
☐ Other (specify)

### Roof Material

☐ Wood Shingle  
☐ Wood Shake  
☐ Composition  
☐ Slate  
☐ Tar/Built-up  
☐ Tile  
☒ Metal (specify Corrugated)  
☐ Other (specify)             
☐ Not visible

### Foundation

☐ Log ☐ Concrete  
☐ Post & Pier ☐ Block  
☐ Stone ☒ Poured  
☐ Brick ☐ Other (specify)             
☐ Not visible

### Integrity

(Include detailed description in

### Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify) <u>          </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

State of Washington, Department of Community Development  
Office of Archaeology and Historic Preservation  
111 21st Avenue Southwest, Post Office Box 48343  
Olympia, Washington 98504-8343 (206)753-4011

## LOCATION SECTION

Address 100-N Reactor Area, Building 1322-NB  
City/Town/County/Zip Code Richland, WA/Benton County/99352  
Twp. 14N Range 26E Section 28 1/4 Section NE 1/4 1/4 Sec SW  
Tax No./Parcel No.            Acreage             
Quadrangle or map name Coyote Rapids 7.5 min. series  
UTM References Zone 11 Easting 303974 Northing 5172485  
Plat/Block/Lot             
Supplemental Map(s) 100-N Area Buildings



### High Styles/Forms (Check one or more of the following)

<input type="checkbox"/> Greek Revival	<input type="checkbox"/> Spanish Colonial Revival/Mediterranean
<input type="checkbox"/> Gothic Revival	<input type="checkbox"/> Tudor Revival
<input type="checkbox"/> Italianate	<input type="checkbox"/> Craftsman/Arts & Crafts
<input type="checkbox"/> Second Empire	<input type="checkbox"/> Bungalow
<input type="checkbox"/> Romanesque Revival	<input type="checkbox"/> Prairie Style
<input type="checkbox"/> Stick Style	<input type="checkbox"/> Art Deco/Art Moderne
<input type="checkbox"/> Queen Anne	<input type="checkbox"/> Rustic Style
<input type="checkbox"/> Shingle Style	<input type="checkbox"/> International Style
<input type="checkbox"/> Colonial Revival	<input type="checkbox"/> Northwest Style
<input type="checkbox"/> Beaux Arts/Neoclassical	<input type="checkbox"/> Commercial Vernacular
<input type="checkbox"/> Chicago/Commercial Style	<input type="checkbox"/> Residential Vernacular (see below)
<input type="checkbox"/> American Foursquare	<input checked="" type="checkbox"/> Other (specify) <u>Industrial Vernacular</u>
<input type="checkbox"/> Mission Revival	

### Vernacular House Types

<input type="checkbox"/> Gable Front	<input type="checkbox"/> Cross Gable
<input type="checkbox"/> Gable Front and Wing	<input type="checkbox"/> Pyramidal/Hipped
<input type="checkbox"/> Side Gable	<input type="checkbox"/> Other (specify) <u>          </u>

## NARRATIVE SECTION

### Study Unit Themes (check one or more of the following)

- ☐ Agriculture
- ☐ Architecture/Landscape Architecture
- ☐ Arts
- ☐ Commerce
- ☐ Communications
- ☐ Community Planning/Development

- ☐ Conservation
- ☐ Education
- ☐ Entertainment/Recreation
- ☐ Ethnic Heritage (specify) \_\_\_\_\_
- ☐ Health/Medicine
- ☐ Manufacturing/Industry
- ☐ Military

- ☐ Politics/Government/Law
- ☐ Religion
- ☐ Science & Engineering
- ☐ Social Movements/Organizations
- ☐ Transportation
- ☒ Other (specify) Manhattan Project & Cold War Era
- ☒ **Study Unit Sub-Theme(s) (specify)**  
Cold War/Nuclear Fuel Production  
Waste Management, Facilities Support (Monitoring)

### Statement of Significance

Date of Construction 1961 Architect/Engineer/Builder General Electric

☒ In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.

☒ In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).

The property is not associated with an important person (Criterion B), does not possess any distinctive architectural features or methods of construction (Criterion C), and does not qualify under Criterion D as the principal source of information. However, the 1322-NB structure qualifies under Criterion A due to its association with the Cold War production of plutonium at N Reactor, and its contribution to Reactor Operations, specifically, the waste management facilities support (monitoring) system. Therefore, it is the conclusion of the U.S. Department of Energy that the 1322-NB structure is eligible under Criterion A for inclusion on the National Register of Historic Places as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

### Description of Physical Appearance

The 1322-NB Facility is a rectangular, one-story, steel framed structure with a poured concrete foundation, corrugated metal exterior wall, and gable roof surfaces. Two gas bottle storage racks and covers are attached to the outside of the structure. It measures 30 ft by 15 ft (9 m by 5 m); 450 ft<sup>2</sup> (45 m<sup>2</sup>). No significant changes have been made and it is still in use.

The N Reactor UTM coordinates are as follows: Northeast corner - 303974E, 5172485N; southeast corner - 303974E, 5171639N; southwest corner - 303069E, 5171639N; northwest corner - 303069E, 5172485N.

### Major Bibliographic References

Bechtel Hanford, Inc. 1994. *"Pre-Existing" Conditions Survey of Hanford Site Facilities to be Managed by Bechtel Hanford, Inc.* BHI-00221, Rev. 00, Phase II.

Instrument Installation & Details 1322-NB Building, Drawing No. H-1-48901, 1987.